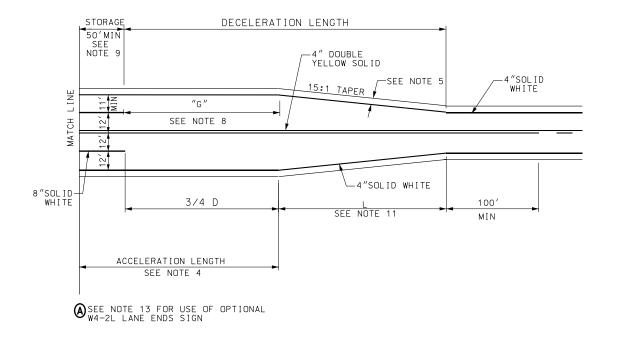


NOTES:

- 1. USE CURRENT EDITION OF THE AASHTO A POLICY ON GEOMETRIC DESIGN OF HIGHWAYS AND STREETS FOR DESIGN OF ROADWAY ELEMENTS NOT SHOWN ON THIS STD DWG.
- 2. USE CURRENT EDITION OF THE AASHTO ROADSIDE DESIGN GUIDE FOR CLEAR ZONE REQUIREMENTS NOT SHOWN ON THIS STD DWG.
- FOR DECELERATION LENGTH:
 RIGHT TURN USE THE POSTED SPEED LIMIT AS THE DESIGN SPEED AND AN AVERAGE
 RUNNING SPEED OF 14 MPH.
 LEFT TURN USE THE POSTED SPEED LIMIT AS THE DESIGN SPEED AND AN AVERAGE
 RUNNING SPEED OF A STOP CONDITION.
 ADJUST FOR SPEED CHANGES ON GRADES AS NECESSARY. DECELERATION LANE NOT TO SCALE.
- FOR ACCELERATION LENGTH:
 USE AN INITIAL RUNNING SPEED OF 14 MPH AND USE THE POSTED SPEED LIMIT
 AS THE DESIGN SPEED.
 ADJUST FOR SPEED CHANGES ON GRADES AS NECESSARY.
- USE 4 FEET MINIMUM SHOULDER FOR RIGHT TURN DECELERATION LANE TAPER, RIGHT TURN STORAGE LANE, RIGHT TURN ACCELERATION LANE, AND RIGHT TURN ACCELERATION LANE TAPER. MATCH EXISTING WIDTH OF SHOULDER, WITH A 4 FEET MINIMUM, AT ALL OTHER SHOULDER LOCATIONS.
- 6. USE A 16 FEET MINIMUM ACCEPTANCE LANE FOR 50 FEET WITH A 15:1 TAPER IF RIGHT TURN ACCELERATION LANE IS NOT USED.
- STANDARDS SHOWN ARE RECOMMENDED VALUES. EXCEED STANDARDS IF CONDITIONS PERMIT.
- 8. G = 140' FOR SPEEDS 45 TO 50 MPH G = 180' FOR SPEEDS 55 MPH AND ABOVE
- 9. INCREASE VEHICLE STORAGE LENGTH AS DETERMINED BY ENGINEERING STUDY OR REGION TRAFFIC ENGINEER.
- 10. SEE STD DWG ST 5 FOR INFORMATION ON STRIPING DETAILS.
- 11. FOR POSTED SPEED ≥ 45 MPH L = WS L = TAPER LENGTH IN FEET W = WIDTH OF OFFSET IN FEET
- 12. PROVIDE A TWO WAY LEFT TURN LANE CONNECTING ADJACENT ACCESS POINTS WHEN THEIR TAPERS OVERLAP, OR AS REQUIRED BY THE REGION TRAFFIC ENGINEER.
- 13. OPTIONAL USE OF W4-2L, LEFT LANE ENDS SIGN, AT A DISTANCE "D" UPSTREAM FROM THE BEGINNING OF THE TAPER.
- 14. SEE STD DWG DD 3, TABLE II, FOR DISTANCE "D."



LEFT TURN ACCELERATION DETAIL

STD DWG DD 14A

AL RURAL NE ROAD TERSECTION 4 SPEED)

TYPICAL 2 LANE IEE" INTE (HIGH

TRANSPORTATION

P BRIDGE CONSTRUCTION

P

E)

UTAH